

## **Aeronautical Study Process in the United States of America**

By: Carlton Lambiasi Federal Aviation Administration

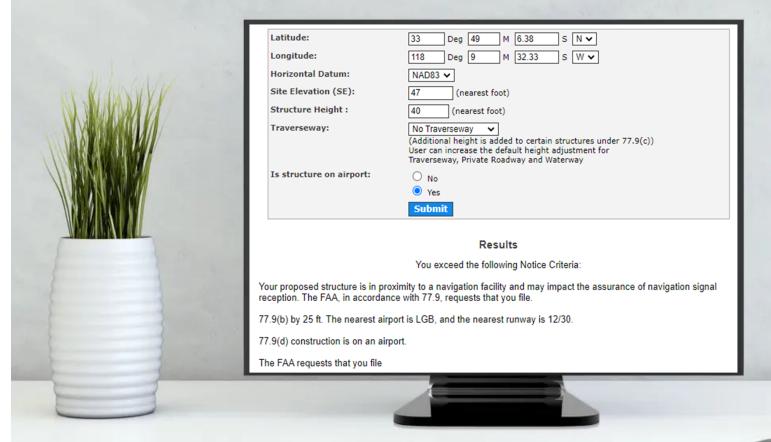








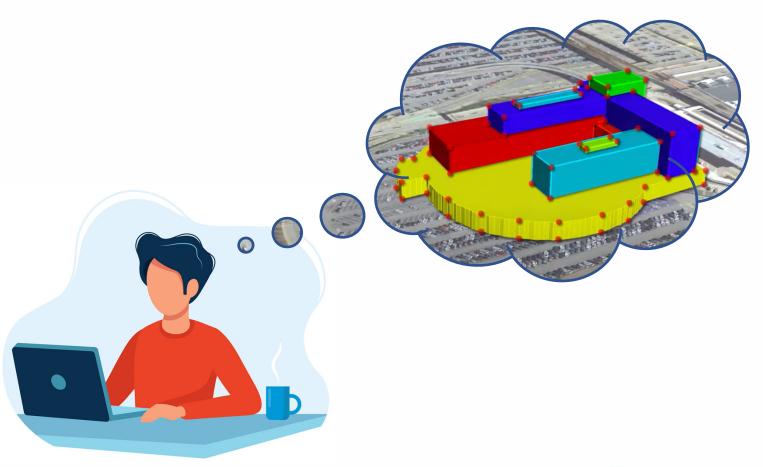
#### **Notice Criteria Tool**







# Electronic Notice of Proposed Construction







#### **FAA Notice of Proposed Construction**







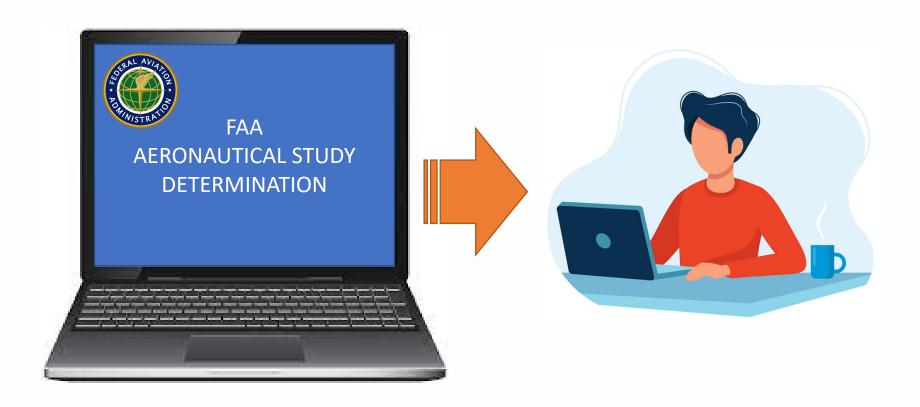
#### Internal FAA Coordination







#### **Electronic FAA Determination**







### Aeronautical Study

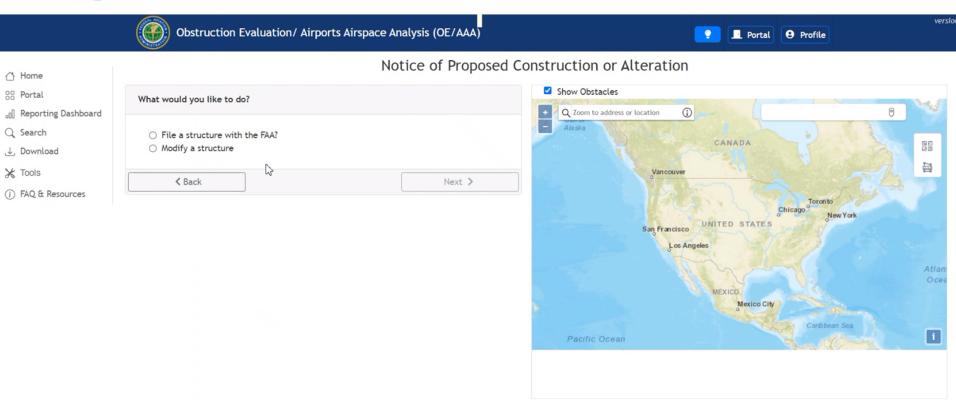








#### **External Notification System**

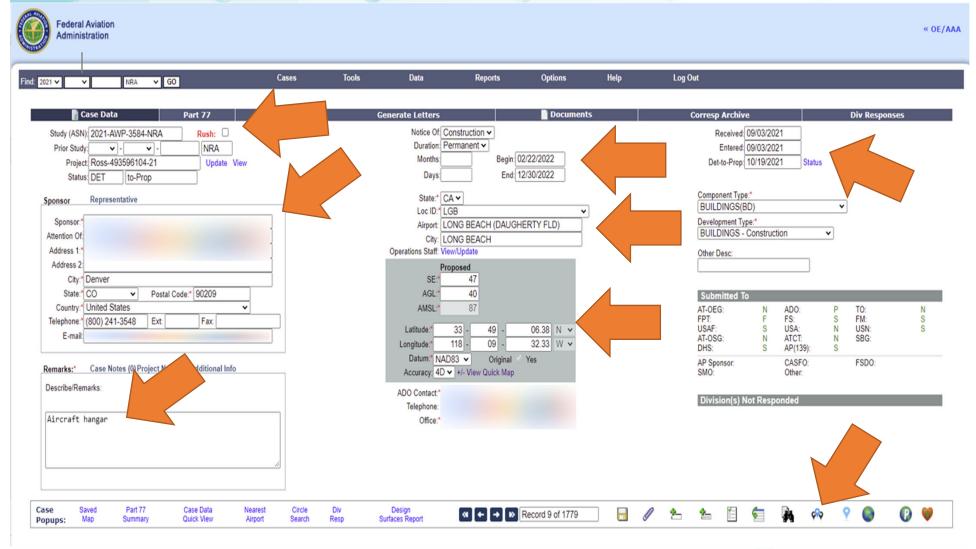


FAA Home FAA Privacy Policy FAA Web Policies & Notices Contact Us Help





#### Internal Aeronautical Study System



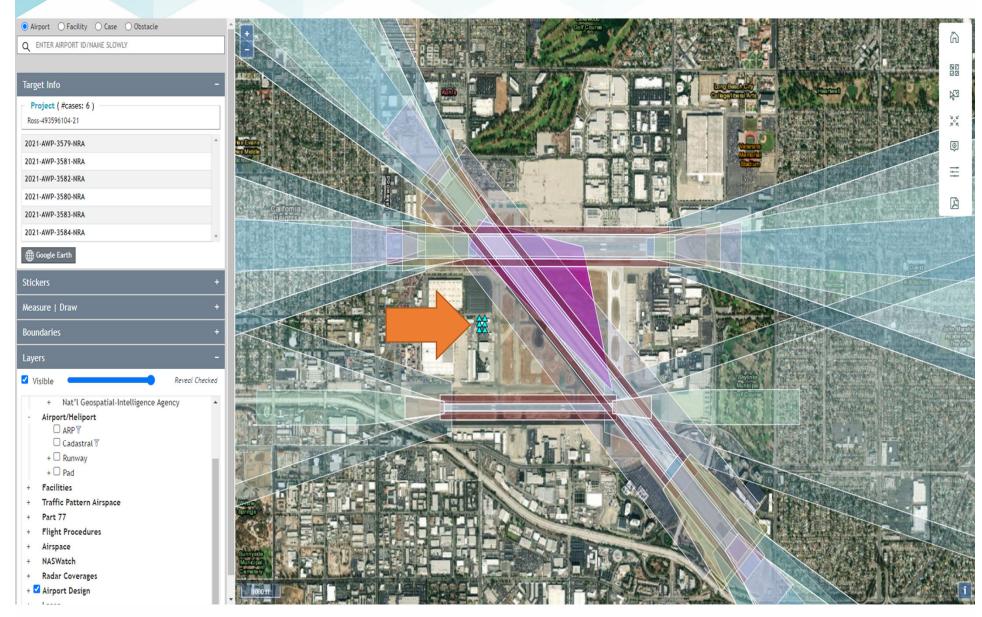








### View Runway Design Standards





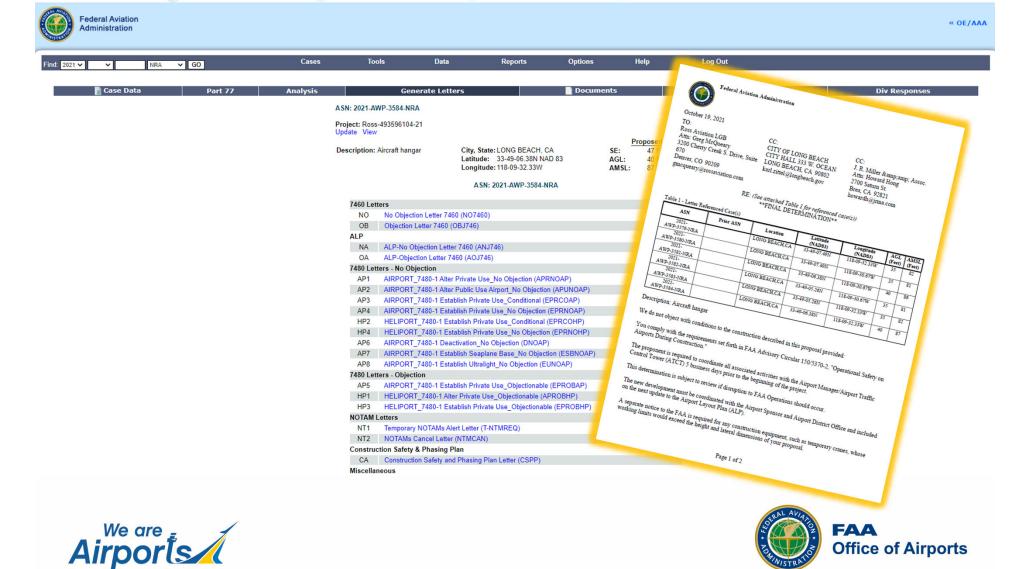
#### Internal FAA Coordination

Division	Requested By	Requested Date	Responded By	Responded Date	Response Type	Response	Duration (Days)
AT - ATCT/Facilities	SYSTEM OEAAA	09/08/2021		10/08/2021	No Objection		21
AT-OSG	SYSTEM OEAAA	09/08/2021		10/08/2021	No Objection		22
Air Force	SYSTEM OEAAA	09/08/2021		09/08/2021	Auto Screen	No Conflict with USAF Conflix Program	0
Air Traffic Obstruction Evaluation Group	SYSTEM OEAAA	09/08/2021		09/08/2021	No Objection		0
Airports	SYSTEM OEAAA	09/08/2021		09/15/2021	No Objection with Provision	Coordinate with the airport sponsor to include this new development on the Airport Layout Plan (ALP).	5
Airports Part 139 Inspectors	SYSTEM OEAAA	09/08/2021		09/08/2021	Auto Screen	Autoscreened for AP(139) - Not ALP or CSPP Proposal	0
Army	SYSTEM OEAAA	09/08/2021		09/17/2021	No Objection		7
Department of Homeland Security	SYSTEM OEAAA	09/08/2021		09/08/2021	Auto Screen	No conflict with DHS radar or airport obstruction screening	0
Flight Procedures	SYSTEM OEAAA	09/08/2021		10/04/2021	No IFR Effect		18
Flight Standards	SYSTEM OEAAA	09/08/2021		09/08/2021	Auto Screen	Auto Screened for Flight Standards	0
Frequency Management	SYSTEM OEAAA	09/08/2021		09/08/2021	Auto Screen	Autoscreened for FM- No frequencies	0
Navy	SYSTEM OEAAA	09/08/2021		09/08/2021	Auto Screen	No Conflict with USN Conflix Program	0
Tech Ops	SYSTEM OEAAA	09/08/2021		10/18/2021	No Objection		27





#### Generate Determination Letter



#### **FAA Determination Received**



Federal Aviation Administration

October 19, 2021

TO: Ross Aviation LGB Attn: Greg McQueary 3200 Cherry Creak S. Drive, Suite 670 Denver, CO 90209

CITY OF LONG BEACH CITY HALL 333 W. OCEAN LONG BEACH, CA 90802 karl.zittel@longbeach.gov CC: J. R. Miller & Dramp; Assoc. Atm: Howard Hong 2700 Saturn St. Brea, CA 92821 howardh@jma.com

RE: (See attached Table 1 for referenced case(s))
\*\*FINAL DETERMINATION\*\*

Table 1 - Letter Referenced Case(s)

gmcqueary@rossaviation.com

ASN	Prior ASN	Location	(NAD83)	Longitude (NAD83)	AGL (Feet)	(Feet)
2021- AWP-3579-NRA		LONG BEACH,CA	33-49-07.49N	118-09-32.33W	35	82
2021- AWP-3580-NRA		LONG BEACH,CA	33-49-07.49N	118-09-30.67W	35	81
2021- AWP-3581-NRA		LONG BEACH,CA	33-49-06.38N	118-09-30.67W	40	86
2021- AWP-3582-NRA		LONG BEACH,CA	33-49-05.26N	118-09-30.67W	35	81
2021- AWP-3583-NRA		LONG BEACH,CA	33-49-05.26N	118-09-32.33W	35	82
2021- AWP-3584-NRA		LONG BEACH,CA	33-49-06.38N	118-09-32.33W	40	87

Description: Aircraft hangar

We do not object with conditions to the construction described in this proposal provided:

You comply with the requirements set forth in FAA Advisory Circular 150/5370-2, "Operational Safety on Airports During Construction."

The proponent is required to coordinate all associated activities with the Airport Manager/Airport Traffic Control Tower (ATCT) 5 business days prior to the beginning of the project.

This determination is subject to review if disruption to FAA Operations should occur.

The new development must be coordinated with the Airport Sponsor and Airport District Office and included on the next update to the Airport Layout Plan (ALP).

A separate notice to the FAA is required for any construction equipment, such as temporary cranes, whose working limits would exceed the height and lateral dimensions of your proposal.

Page 1 of 2







#### Benefits of an Automated System







#### **Electronic Filing**

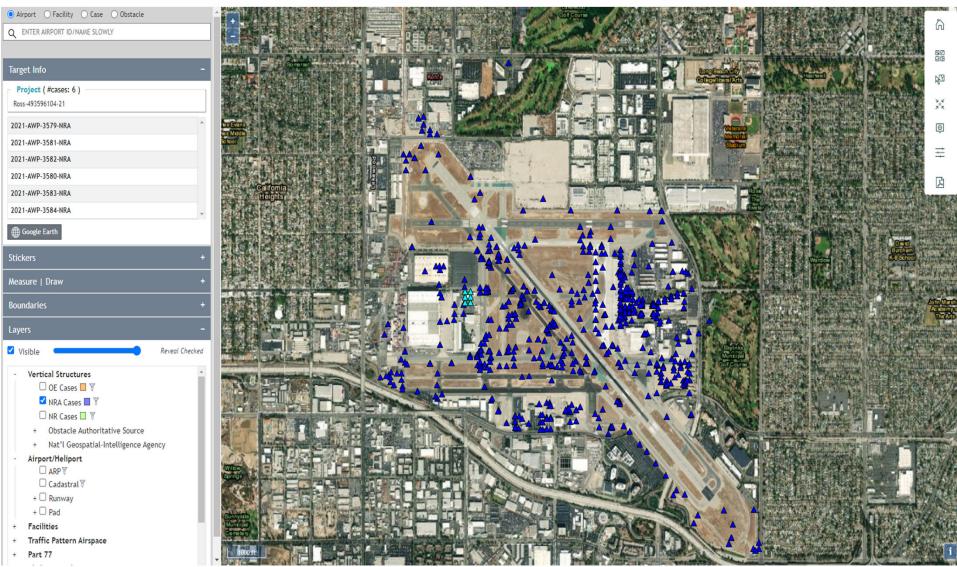
E-file is faster, easier and more accurate than filing paper forms







## Repository of Aeronautical Studies



#### **Protecting Future Runways**



Runways & Helipads: Add Proposed Runway Add Proposed Helipad

Source	Name	Length(FT)	Width(FT)	Surface	End Id	Latitude	Longitude
NASR	Runway 09/27	5401	100	ASPH	09 27	33-57-13.9946N 33-57-01.9321N	117-27-07.0891W 117-26-04 6412W
Proposed	Runway 09/27	6401	100	ASPH	09 27	33-57-13.9900N 33-56-59.6800N	117-27-07.0800W 117-25-53.0600W
NASR	Runway 16/34	2850	50	ASPH	16 34	33-57-18.5568N 33-56-50.3748N	117-26-55.0968W 117-26-54.2398W
NASR	Helipad H1	60	60	ASPH	H1	No latitude	No longitude

#### **Efficient Internal Coordination**







### Thank you!

#### **Carlton Lambiasi**

Office of Airports, Airport Safety and Standards Federal Aviation Administration

Carlton.Lambiasi@faa.gov



